



Center for Health Information and Analysis

**APCD Technical Workgroup Meeting
November 27, 2012**

www.mass.gov/chia

Objectives for today's meeting



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- Welcome and Introductions
- Update on Submitted Applications
- Administrative Bulletin Update
- Changes to the Workgroup for 2013
- Data Volume in the APCD
- "The Essence of Nothing": A Review of the Impact of Nulls and Blanks on Data Quality and Research
- Open Discussion / Questions



Recent APCD Applications

On Data Release Committee Agenda for 11/29

- DPH/Bureau of Substance Abuse Services
Substance Abuse Treatment Needs and Services Gap Analysis
- U Mass/MassHealth
*Child Health Care Quality Measurement –
Core Set Measure Testing*
- U Penn/National Bureau of Economic Research
The Effects of Fragmentation in Health Care



Goals of New APCD Data Collection

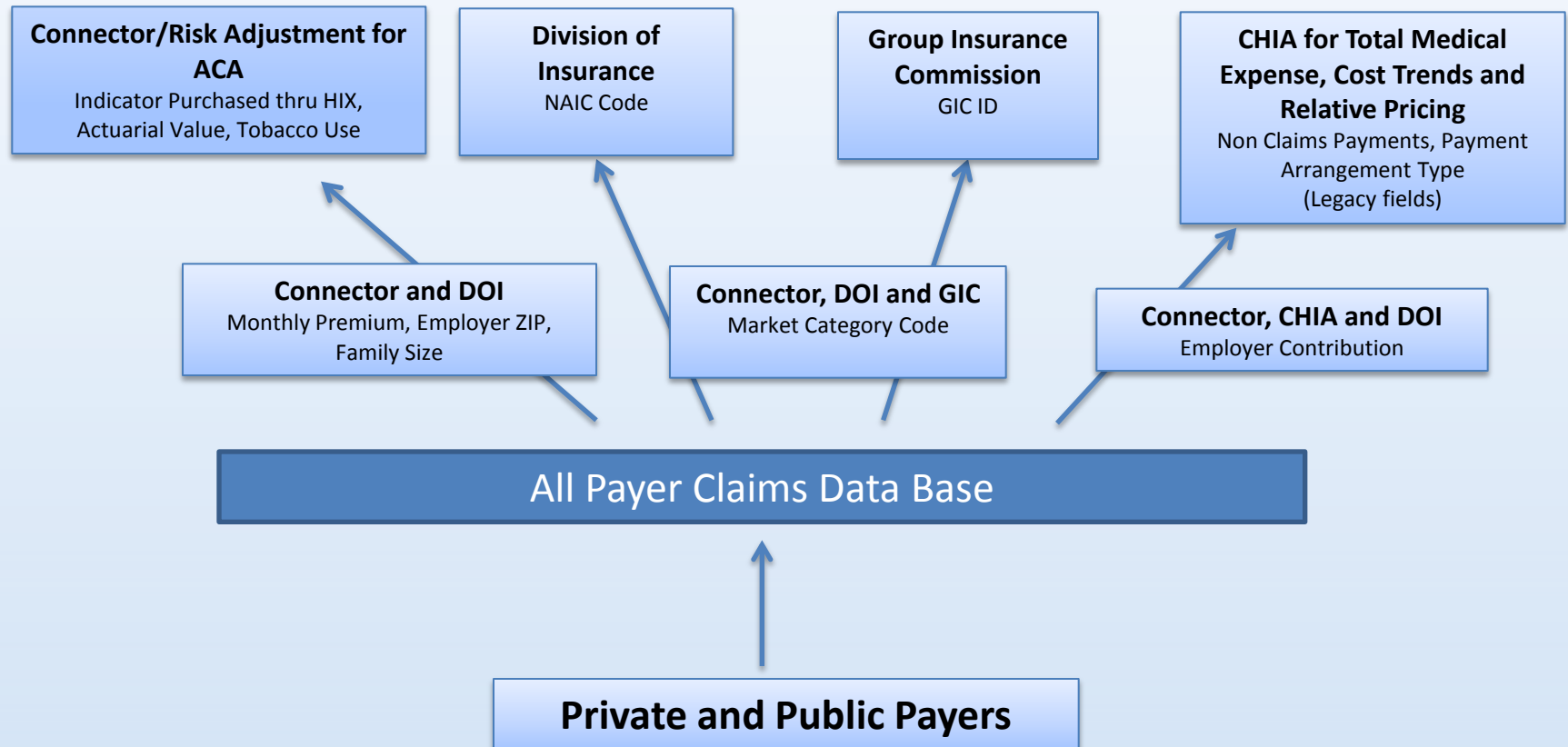
Administrative Bulletin Released November 8

- Anticipating ICD-10 conversion in October 2014
- Advancing administration simplification
- Analytic needs identified through use/QA
- Operational requirements for managing large volume of data



Administrative Simplification

Selected New Data Elements





Analytic Needs: Multiple Users

Examples:

- Service provider specialty
- Discharge date
- Deductible – individual and family
- Source of inpatient admissions
- Present on admission



APCD Operational Needs

- Versioning of claims
- Linkages among APCD files
- Clarity in flags (NA, "O", etc.)
- Examples:
 - ICD indicator
 - Denied flag
 - Claim status
 - Claim line type



Chapter 224: Changes to APCD Data Release Criteria

- To the extent feasible, make data available to payers and providers in real time.
- To the maximum extent feasible, make data available to consumers on services they have personally received.
- Permit providers and payers access to data with patient identifiers solely for the purpose of carrying out treatment and coordinating care among providers.



- December Work Group Meeting **Cancelled**
- Updates to the Analytic and Technical Workgroup Meetings beginning in January 2013.



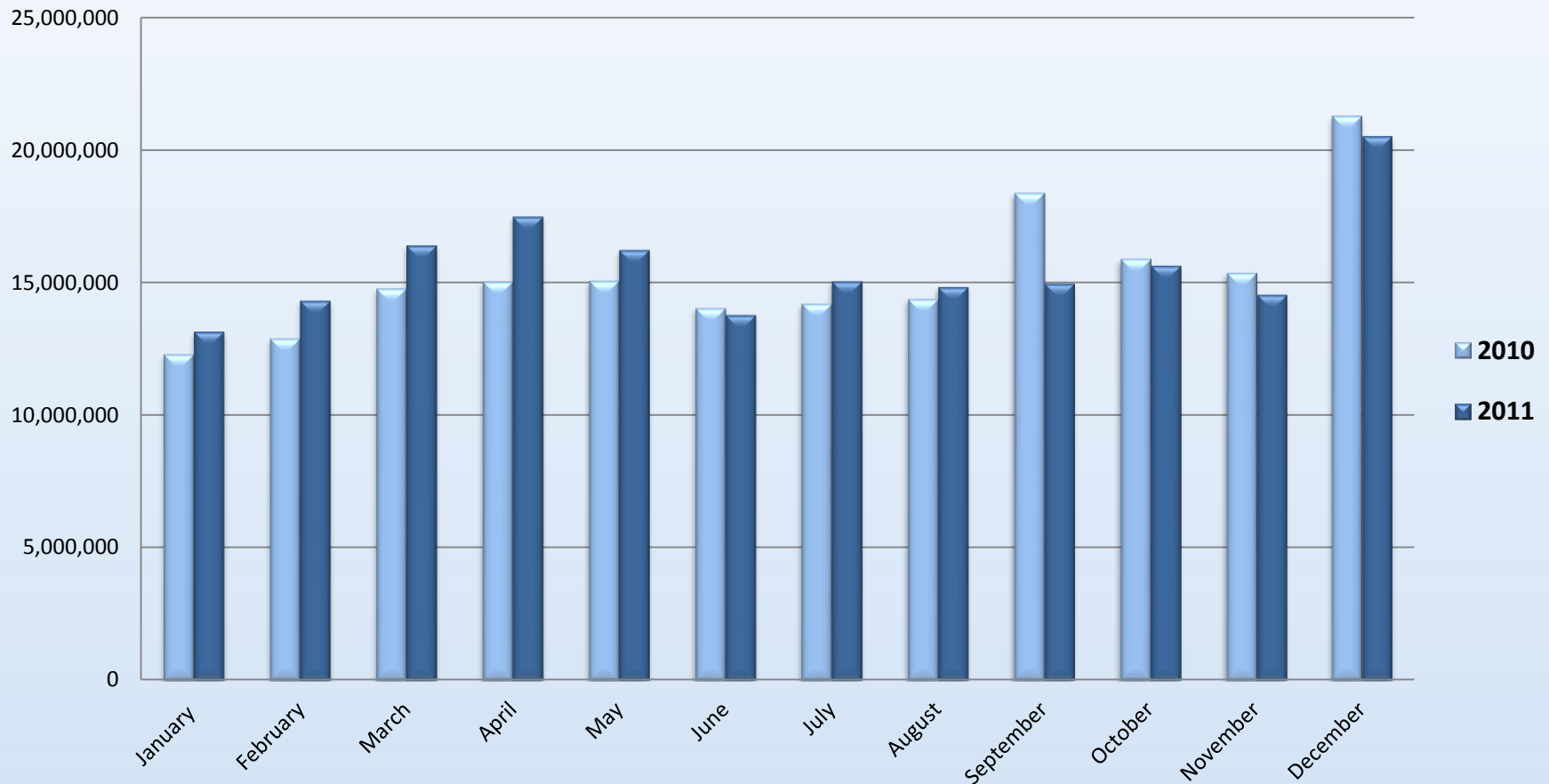
Number of Records Submitted per Year by File Type* (submissions in millions)

Submission Year	Product File	Member Eligibility File	Provider File	Medical Claims File	Pharmacy Claims File	Dental Claims File
2008	0	0	0	184.3	107.0	11.4
2009	0	39.6	0	204.0	119.8	13.4
2010	4.0	41.6	0	184.3	128.4	16.0
2011	19.4	390.0	116.7	187.1	139.3	15.2
2012 (Partial)	6.9	397.0	82.2	179.6	94.3	10.6

*Data represents submissions as of October 2012



Number of Medical Claim Lines Submitted in 2010 & 2011 by Month*



*Data represents submissions as of October 2012

Impact of Nulls and Blanks: List of Flag Indicator Data Elements



Valid responses include: “Yes”, “No”, “Unknown”, “Other”, and “Not Applicable”.

Flag Indicator Data Element	Data Element Name
PC029	Generic Drug Indicator
PC031	Compound Drug Indicator
PC057	Mail Order Pharmacy
PC070	Rebate Indicator
PC073	Formulary Code
Pharmacy Claim Total	5
ME018	Medical Coverage
ME019	Prescription Drug Coverage
ME020	Dental Coverage
ME024	Hispanic Indicator
ME028	Primary Insurance Indicator
ME035	Health Care Home Assigned Flag
ME051	Behavioral Health Benefit Flag
ME052	Laboratory Benefit Flag
ME053	Disease Management Enrollee Flag
ME059	Disability Indicator Flag
ME061	Student Status
ME066	COBRA Status
ME073	Fully Insured Member
ME074	Interpreter
ME118	Vision Benefit
Member Eligibility Total	15

Data Element	Data Element Name
PR011	Product Active Flag
PR014	Coordinated Care Model
Product File Total	2
PV045	P4P Flag
PV046	NonClaims Flag
PV047	Uses Electronic Medical Records
PV049	Accepting New Patients
PV050	Offers e-visits
PV052	Has multiple offices
PV055	PCP Flag
PV058	Delegated Provider Record Flag
PV061	Prescribing Provider
PV064	PPO Indicator
Provider Total	10
MC081	Capitated Encounter Flag
MC115	Medicare Indicator
MC117	Authorization Needed
MC118	Referral Indicator
MC119	PCP Indicator
MC122	Global Payment Flag
MC123	Denied Flag
MC126	Accident Indicator
MC128	Employment Related Indicator
MC131	InNetwork Indicator
Medical Claim Total	10



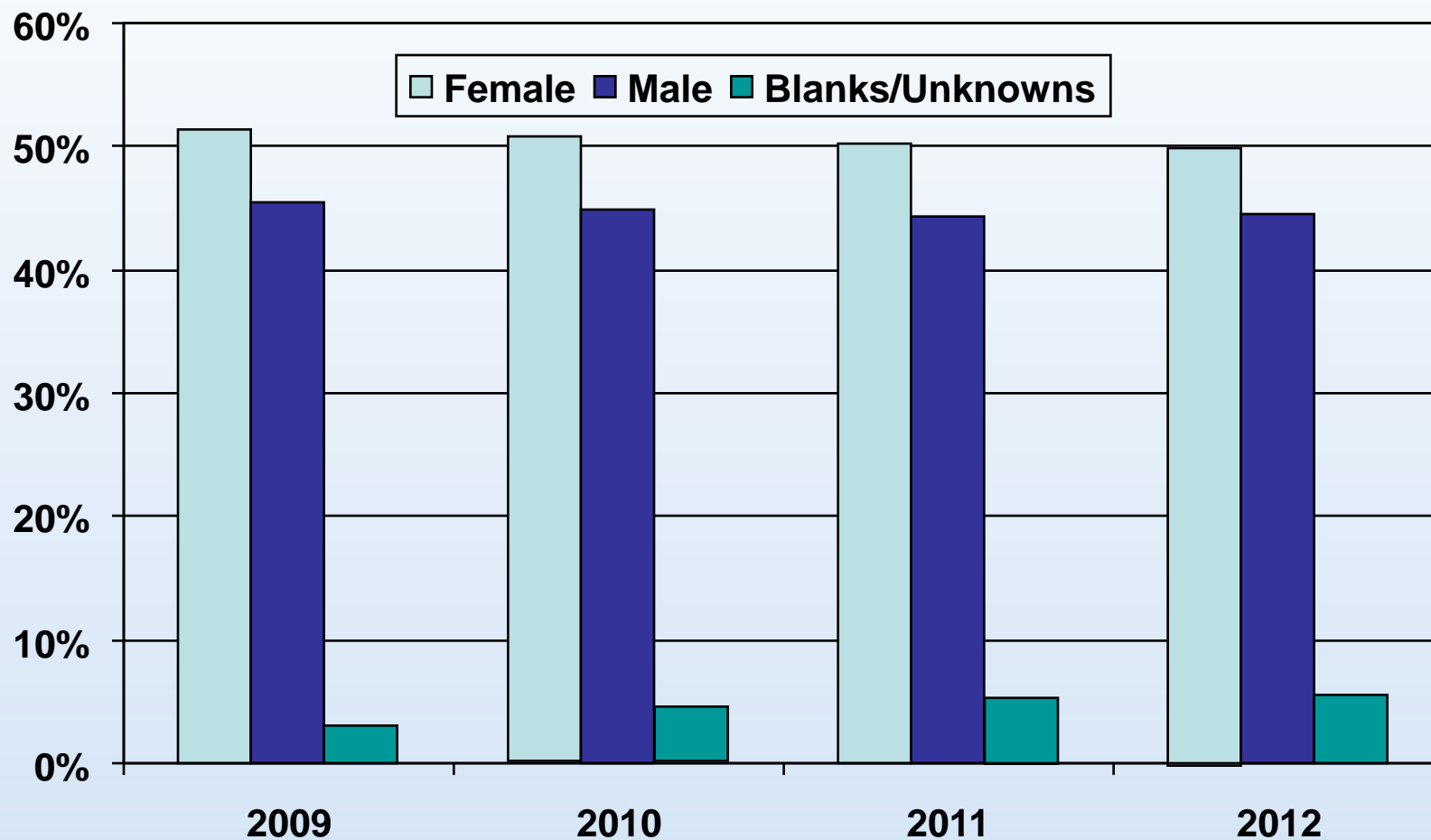
2011 Statistics for Pharmacy Flag Indicator Data Elements

Data Element	Data Element Name	1-Yes	2-No	3-Unknown	4-Other	5-Not Applicable	Null
PC 029	Generic Drug Indicator	27,856,673 (79%)	7,366,570 (21%)	103 (<1%)	0	0	0
PC 031	Compound Drug Indicator	64,486 (<1%)	25,940,887 (74%)	14,406 (<1%)	1,061,236 (<1%)	0	8,142,331 (23%)
PC 057	Mail Order Pharmacy	2,087,671 (<1%)	30,782,823 (87%)	2,352,852 (<1%)	0	0	0
PC 070	Rebate Indicator	6,760,302 (19%)	0	21,687,745 (62%)	0	0	6,775,299 (19%)
PC 073	Formulary Code	26,080,782 (74%)	7,371,321 (21%)	1,771,232 (1%)	11 (<1%)	0	0

Light Increase in Unknowns on Reporting Gender (Eligibility Data by Submission Year)



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Calendar 2011 Use of Denial Flag and Denial Reason



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Denied Flag	Percent	Records
Blank	0.000%	783
Yes	13.485%	24,832,118
No	83.635%	154,011,834
Unknown	1.139%	2,098,158
Other	0.000%	43
Not Applicable	1.741%	3,205,418

Availability of Denial Reason for Denied Flag "Yes"

